

# INTERNATIONAL SEARCH REPORT

International Application No

.../EP2004/012497

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D245/02 C07D281/00 C07D255/02 A61K31/33 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 675 122 A (F. HOFFMANN-LA ROCHE AG) 4 October 1995 (1995-10-04) page 63 - page 65; examples 100-111; tables	1-9
A	SMITH R A ET AL: "DESIGN, SYNTHESIS, AND ACTIVITY OF CONFORMATIONALLY-CONSTRAINED MACROCYCLIC PEPTIDE-BASED INHIBITORS OF HUV PROTEASE" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 4, no. 18, 1994, pages 2217-2222, XP000654258 ISSN: 0960-894X page 2218 - page 2220; examples 1,3	1-9
A	WO 92/18490 A (F. HOFFMANN-LA ROCHE AG) 29 October 1992 (1992-10-29) examples	1-9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

9 March 2005

Date of mailing of the international search report

17/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Menegaki, F

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP2004/012497

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 6,8 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/EP2004/012497

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0675122	A	04-10-1995	EP	0675122 A2	04-10-1995
			AU	694936 B2	06-08-1998
			AU	1507095 A	12-10-1995
			BR	9501292 A	23-04-1996
			CA	2144499 A1	01-10-1995
			CN	1308071 A	15-08-2001
			CN	1114648 A	10-01-1996
			CZ	9500788 A3	13-12-1995
			FI	951514 A	01-10-1995
			HU	72491 A2	28-05-1996
			IL	113123 A	30-11-1999
			JP	2695132 B2	24-12-1997
			JP	7285953 A	31-10-1995
			NO	951210 A	02-10-1995
			NZ	270801 A	29-01-1997
			PL	307912 A1	02-10-1995
			US	5589473 A	31-12-1996
			US	5665746 A	09-09-1997
			US	5594135 A	14-01-1997
			ZA	9502380 A	20-12-1995
WO 9218490	A	29-10-1992	AT	139532 T	15-07-1996
			DE	69211637 D1	25-07-1996
			DE	69211637 T2	30-01-1997
			DK	535192 T3	05-08-1996
			WO	9218490 A1	29-10-1992
			EP	0535192 A1	07-04-1993
			JP	5508167 T	18-11-1993
			US	5399741 A	21-03-1995
			US	5486466 A	23-01-1996
			US	5294609 A	15-03-1994